Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY DATENT ADDITION

Attomey Docket No.	612.43683X00
First Inventor	BARROUX, CLAIRE
Title	LUMPING AND DELUMPING METHOD FOR DESCRIBING HYDROCARBON-CONTAINING FLUIDS
	• •

PAIENI APPLICATION First			or	DARROOX, CLAIRE				
TRANSMITTAL		Title		LUMPING AND DELUMPING METHOD FOR DESCRIBING HYDROCARBON-CONTAINING FLUIDS				
(Only for new nonprovision	0.4.6			Aail Label No.				
SEE MPEP chapter	Mail Stop Patent Application ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450							
1. Fee Transmitt (Submit an or. 2. Applicant clair See 37 CFR 3. Specification (preferred arrDescriptive ti -Cross Refere -Statement RReference to		Com 8. Nucleotide fif applicabl a. Com b. Specificat i	ROM or CD-R inputer Program and/or Amino // le, all necessar/puter Readable ion Sequence CD-ROM of paper	15535 U.S. PTO 10/809833				
or a compute	sequence listing, a table, or program listing appendix							
_	of the Invention rry of the Invention					CATION PARTS		
-Detailed Des -Claim(s) -Abstract of th 4. Drawing(s) (3 5. Oath or Declaration a. Newly execute b. Copy from a (for continuation) i. DEL Signe Name 1.63(•	. ·	10.	t & documents(s)) Power of Attorne if applicable) Copies of IDS C 2 503) ent(s) U.S.C. 122 ch form PTO/SB/35	Citations			
or in an Application D Continua Prior application informa For CONTINUATION OI Box 5b, is considered		nuation-in-part	t (CIP) of prior prior application, ion or divisional a	application No. from which a	.: n oath or ded is hereby in	claration is supplie	d under	
The incorporation can			ENCE ADDRESS	the submitted	аррисации	paro.		
Customer Number	020457	,			OR C	orrespondence addre	ess below	
Name	ANTONELLI, TERRY, STOUT & K	RAUS, LLF)					
Address							 	
Address City		State		· · · · · · · · · · · · · · · · · · ·	Zip Code			
Country	Т	Telephone	(703) 312-6600		Fax	(703) 312-6666		
	Alan E. Sghiavelli		Registration No. (Attorney/Agent)			32,087		
Signature					Date	March 26, 2004		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL				Complete if Known							
FEE TRANSMITTAL			A	Application Number							
for FY 2004			Fi	Filing Date			March 26, 20	March 26, 2004			
P. 101 F 1 2004			Fi	First Named Invento			BARROUX,	BARROUX, CLAIRE			
Effective 10/01/2003. Patent fees are subject to annual revision.			E:	Examiner Name							
☐ Applicar	nt claims sr	nall entity status. See 37	CFR 1.27	Α	Art Unit						
TOTAL AN			\$) 770.00	A	Attorney Docket No. 612.43683X00						
				Г	FEE CALCULATION (continued)						
☐ Check	⊠ Credi	PAYMENT (check all that t Card ☐ Money ☐ Ot		-				E CALCULATIO	or (continued)	<u>' </u>	
Cileck	D Oleul	Order	iner [] None	3. A	DDITIO	DNAL F	EES				
☑ Deposit Account:											
Deposit			Large	arge Entity ,Small Entity							
Accour Numbe		-2133	ļ						Fee Paid		
Deposi		li, Terry, Stout & Kraus, LLP		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Descrip	tion		
Accour Name	Antonei	II, TETTY, Stout & Klaus, LLF		1051	130	2051		Surcharge – late filir			_
The Director is authorized to: (check all that apply) ☐ Charge fee(s) indicated below ☐ Credit any overpayments			1052	50 .	2052		Surcharge – late pro cover sheet	rcharge – late provisional filing fee or ver sheet			
	ny additional	fee(s) during the pendency of	of this application.	1053	130	1053	130	Non-English specific	ation		
		1812	2,520	1812		For filing a request f	•	mination			
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.			1804	920*	1804		Requesting publicati Examination action				
4 54616	'	FEE CALCULATION		1805	1,8401	1805		Requesting publicat Examiner action	ion of SIR after		
	FILING FE Entity Small			1251	110	2251	55	Extension for reply v	vithin first month		
<u>Fee</u>	Fee Fee	Fee Fee Description	Fee Paid	1252	420	2252	210	Extension for reply v	vithin second mor	nth	
	(\$) Code 770 2001	(\$) 385 Utility filing fee	770.00	1253	950	2253	475	Extension for reply v	vithin third month		
	340 2002	170 Design filing fee		1254	1,480	2254		Extension for reply v		h	
1003	530 2003	265 Plant filing fee		1255	2,010	2255		Extension for reply v	vithin fifth month		
1004	770 2004	385 Reissue filing fee		1401 1402	330 330	2401 2402		Notice of Appeal	ort of an annual	;	
1005	160 2005	80 Provisional filing fee		1403	290	2402		Filing a brief in supp Request for oral hea		,	
SUBTOTAL (1)		1451	1,510	1451		Petition to institute a		eding			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			1452	110	2452		Petition to revive – u		•		
2. EXTRA	CLAIM FE	Fee from	EISSUE	1453	1,330	2453	665	Petition to revive – ι	nintentional		
Extra Claims below Fee Paid			1501	1,330	2501	665	Utility issue fee (or r	eissue)			
Total Claims	13 -20**	=0 x 18 =	0	1502	480	2502		Design issue fee			
Indep. Claims	1 -3**	= 0 x 86 =	0	1503	640	2503		Plant issue fee	minainnar		
Multiple Depe	endent	290 =	0	1406 1807	130 50	1460 1807		Petitions to the Com Processing fee under			
Large Entity		1		1806	180	1806		Submission of Inform			
Fee Fee Code (\$) 1202 18	Code (\$)		1	8021	40	8021		Recording each pate property (times num			
1202 16	2202 9			1809	770	2809		Filing a submission		n	
1203 290			1040	(37 ČFR § 1.129(a))							
1204 86	2204 43	04 43 ** Reissue independent claims		1810	770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))						
1205 18	over original patent 1205 18 2205 9 ** Reissue claims in excess of 20		1801	770	2801			quest for Continued Examination (RCE)			
and over original patent		1802	900	1802		Request for expedite of a design application					
SUBTOTAL (2) \$ 0.00			Othar	foo for	noifu)		o. a design applicati	···			
**or number previously paid, if greater, For Reissues, see above.				fee (spe			•	011DT6=+1 ::	n) (#)		
				*Redu	iced by	Basic Filir	ig Fee	Paid	SUBTOTAL (3) (\$)	0.00
SUBMITTED BY								Complete (if app	licable)		
					ation No		I				
Name (Print/	Туре)	Alan E. Schlavell		(Attorne	y/Ageni	t)	32,08	7	Telephone	703-312-6	600

WARNING: Information on this form may become public. Credit card information should not be

03/26/2004

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450